REMARKS

The first Office Action mailed January 29, 2004, considered claims 1-38. The specification was objected to for a typographical error at page 5, lines 7-8. Claims 1, 3-11, 13-18, 20, 22-29, 31-33 and 35-38 were rejected under 35 U.S.C. § 102(e) as being anticipated by Gigliotti (U.S. Patent No. 6,138,143). Claims 2, 19, 30 and 34 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Gigliotti in view of Copeland (U.S. Patent No. 5,815,703)[1].

By this paper the specification has been amended in the paragraph beginning at page 5, line 2 and the paragraph beginning at page 15, line 15. Figure 5 has also been amended to correct a minor labeling informality of a reference numeral, as reflected above. Claims 1-16, 27-29, and 33-37 have also been amended, while new dependent claims 39 and 40 have been added. Accordingly, claims 1-40 now remain pending.

Of the pending claims, the only independent claims at issue are claims 1, 15, and 27, and 33. As reflected above, in the listing of claims, claims 1, 15, and 27 are generally directed to manipulating items in a store in response to client access to items in the store and claim 33 is directed to a corresponding computer-program product claim for implementing the method recited in claim 1. By this paper, each of the independent claims have been amended to more clearly recite how store events abstract client communication protocols, as described throughout the specification, such that client communication in any of a plurality of different protocols can cause application logic to manipulate an item in the store.

It should be appreciated that a client communication using any of plurality of different protocols referred to in the claims is distinguished from publishing an event to an event channel, as described in Gigliotti. In particular, Gigliotti discloses a system that enables server objects to perform a logical operation to vote whether or not a transaction is to be committed or rolled back. (Col. 3, ll. 42 – 48). Gigliotti fails, however, to disclose or even mention that one or more clients can communicate using any of a plurality of different protocols (e.g., HTTP, MAPI, SMTP, etc.), through store events that abstract the plurality of different protocols to cause application logic to execute, wherein the application logic can register for events in an events

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[1] Although the prior art status of the cited art is not being challenged at this time, Applicants reserve the right to challenge the prior art status of the cited art at any appropriate time, should it arise. Accordingly, any arguments and amendments made herein should not be construed as acquiescing to any prior art status of the cited art.

store that abstracts the plurality of different protocols, or that events can be fired from the store of events in response to client access in accordance with one of the plurality of different protocols, as claimed. For at least these reasons, Applicants respectfully submit that Gigliotti fails to anticipate or obviate independent claims 1, 15, and 27, and 33.
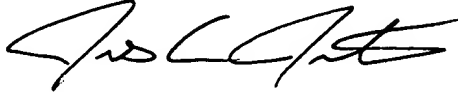
With regard to dependent claims 2, 19, 30, and 34, the office action further suggests that it would be obvious to modify Giggliotti in view of Copeland to register an event object with an least one folder within the store. With regard to dependent claim 12, the office action further suggests that it would be obvious to modify Giggliotti in view of Arendt to assign a first priority and a second priority to events. With regard to dependent claim 21, the office action further suggests that it would be obvious to modify Giggliotti in view of O'Brien to pass a pointer to the time to the event object. Since each of the dependent claims 2, 12, 19, 21, 30, and 34 depend *in herit* from one of the independent claims 1, 15, and 27, and 33 and therefore inherent the limitations of one of the independent claims, Applicants respectfully submit that the suggested modifications to Gigliotti in view of Copeland, Arendt, and O'Brien fail to anticipate or obviate dependent claims 2, 12, 19, 21, 30, and 34.

Accordingly, Applicants respectfully submit that Gigliotti, Copeland, Arendt, and O'Brien to anticipate or obviate the recited claims, either singly or in combination. In particular, Gigliotti, Copeland, Arendt, and O'Brien fail to disclose the claimed one or more store events that abstract a plurality of different protocols from event objects/ application logic wherein an event can be detected or fired as a result of communication using one of the plurality of different protocols, as recited in the claims. For at least the forgoing reasons, Applicants respectfully submit that the pending claims, 1-40 are now in condition for allowance.

In the event that the Examiner finds remaining impediment to a prompt allowance of this application that may be clarified through a telephone interview, the Examiner is requested to contact the undersigned attorney.

Dated this *29* day of April 2004.

Respectfully submitted,

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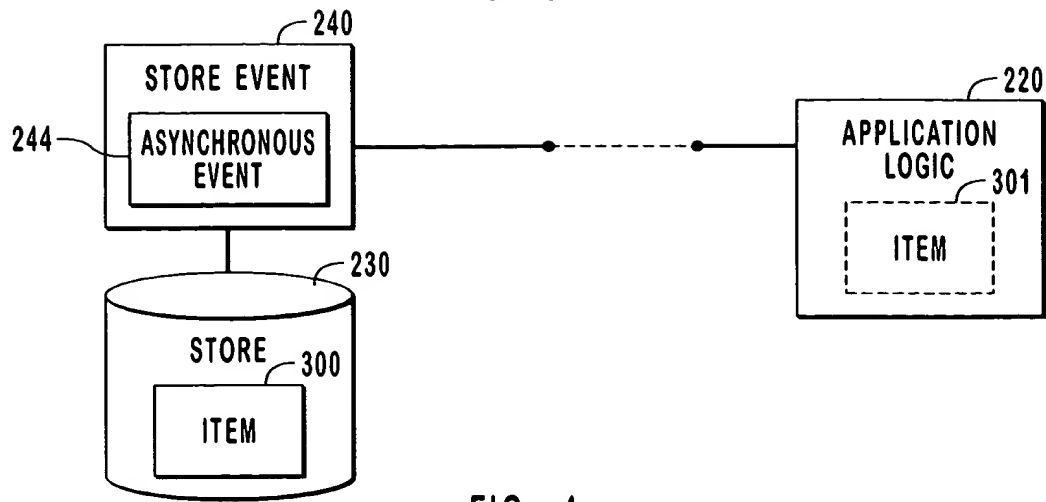Attorneys for Applicant

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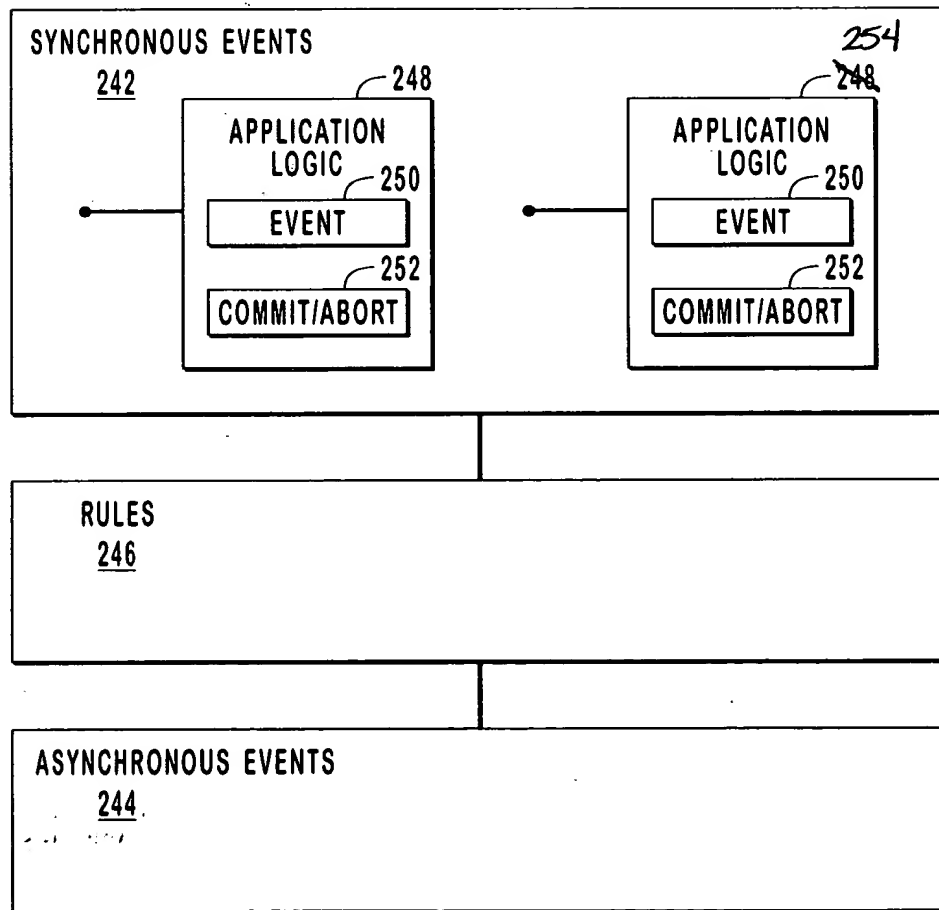RDN:JCJ:cm
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240

STORE EVENT

244 ─ ASYNCHRONOUS EVENT

220

APPLICATION LOGIC

301

ITEM

230

STORE 300

ITEM

FIG. 4

SYNCHRONOUS EVENTS
242

254

248

APPLICATION LOGIC
250

EVENT

252

COMMIT/ABORT

248

APPLICATION LOGIC
250

EVENT

252

COMMIT/ABORT

RULES
246

ASYNCHRONOUS EVENTS
244

FIG. 5